

Patent

Attorney Docket No. PIL8015.011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Wiseman, Donald H.
Serial No. : 10/707,909
Filed : 1/23/2004
For : CRYSTAL GROWER WITH
INTEGRATED LITZ COIL
Group Art No. : Unknown
Examiner : Unknown

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CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10

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Date: 3-1-04Jean A. Johnson
Signature

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO MAKE APPLICATION SPECIAL

Dear Sir:

Applicant hereby requests that the above-cited application for patent be made special pursuant to 37 C.F.R. §1.102(c). Please find included herein a signed statement by Applicant verifying that the invention of the above captioned application will materially contribute to the conservation of energy resources and therefore qualifies to

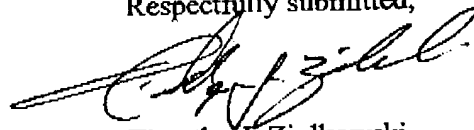
Nauert, Uta

U.S. Serial No. 10/248,569

have the application for patent made special. Additionally, no fee is enclosed herein as under MPEP §708.02 VI, no fee is required for such a petition.

Applicant cordially invites the Examiner to call the undersigned should the Examiner find this petition in anyway incomplete.

Respectfully submitted,



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Dated: March 1, 2004
Attorney Docket No. PIL8015.011

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**Applicant's Statement in Support of Petition to
Make Application Special Based on Energy and
Environmental Quality**

The present invention contributes to the more efficient utilization and conservation of energy resources and therefore, should be accorded special status under MPEP §708.02 VI.

The present invention enables crystal growing and crystal-growing type processes with reduced consumption of energy. Traditional crystal growers are generally electrically inefficient in that a significant amount of the total energy applied to the induction coil of the crystal grower is not used to heat the crystalline material but generates wasted heat in the windings of the induction coil. The heat generated in the individual windings of the coil is indicative of electrical inefficiencies and decreases the overall efficiency of the crystal grower. When compared to a conventional induction heater crystal grower, the induction heater of the present invention operates approximately 60% more efficiently than traditional crystal growers.

Accordingly, the present invention contributes to the more efficient utilization and conservation of energy resources and should be accorded special status.

Dated: 3/1/04


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